

# KETRA

6321 E. STASSNEY LN.  
SUITE 13-400  
AUSTIN, TX 78744  
P: 512.347.1100

**GENERAL NOTES:**

1. KETRANET MESH IS KETRA'S WIRELESS CONTROL PROTOCOL.
2. A NODE IS A KETRANET MESH ENABLED WIRELESS DEVICE.
3. 50 KETRANET MESH NODES MAX. PER INSTALLATION NETWORK.
4. ALL KETRANET MESH NODES TO BE INSTALLED WITHIN 50'-0" RANGE OF THE NEAREST NODE.

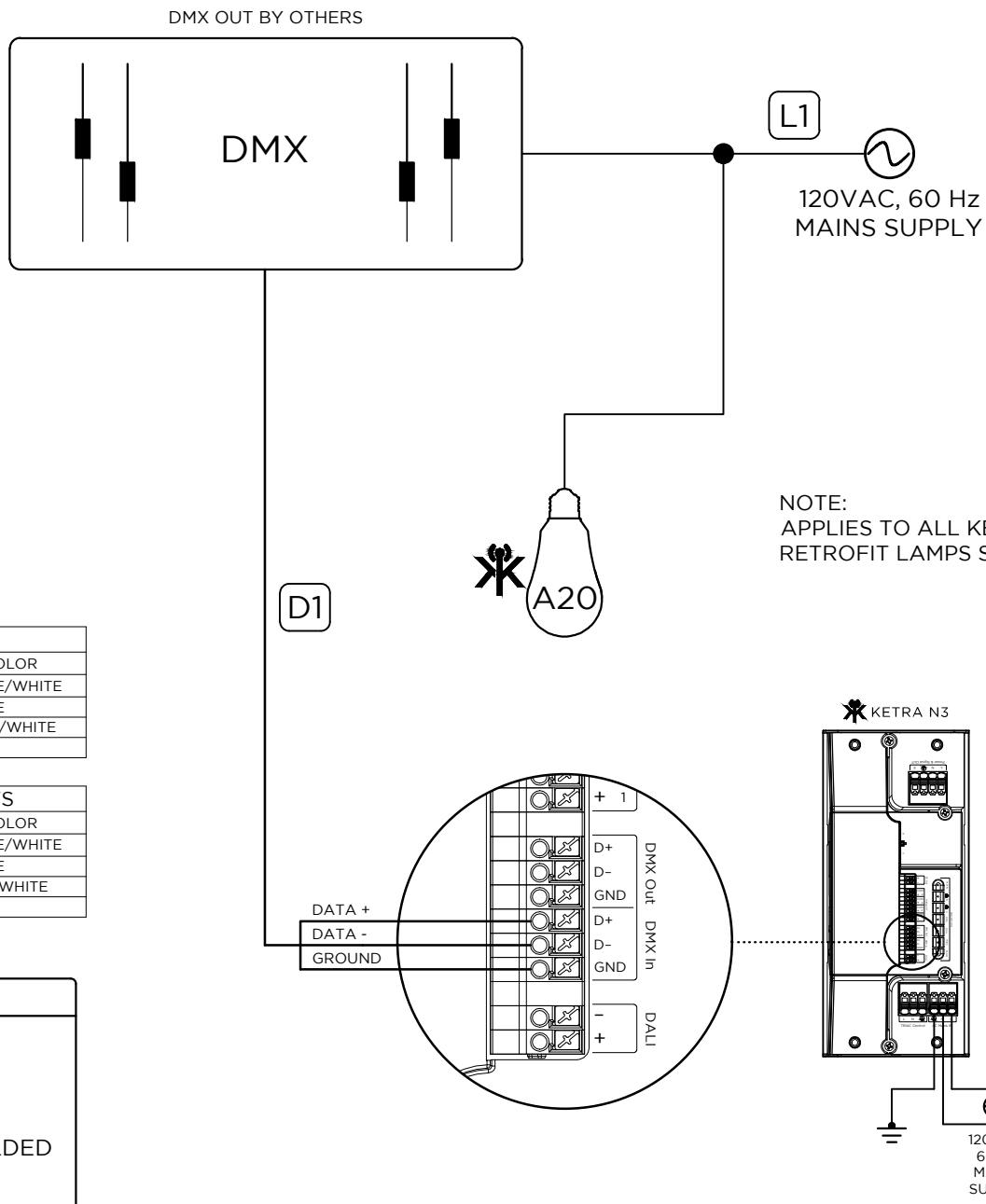
FOR REFERENCE ONLY  
NOT FOR  
CONSTRUCTION

DRAWING TYPE: WD  
DRAWING #:  
REVISION #: 00  
DATE: 10/06/2016  
DRAWN BY: CEH  
CHECKED BY: GEB  
SCALE: NTS

SHEET NAME  
KETRA  
N3, RETROFIT LAMPS,  
DMX-IN

SHEET

1 OF 1



**5-PIN XLR**

5-PIN XLR #	SIGNAL
1	SIGNAL COMMON
2	DMX DATA -
3	DMX DATA +
4	(NOT USED)
5	(NOT USED)

**3-PIN XLR**

3-PIN XLR #	SIGNAL
1	SIGNAL COMMON
2	DMX DATA -
3	DMX DATA +

**ESTA RJ45 PINOUTS**

RJ45 PIN #	DMX512-A SIGNAL	WIRE COLOR
1	DMX_DATA+	ORANGE/WHITE
2	DMX_DATA-	ORANGE
7	GND	BROWN/WHITE
8	GND	BROWN

**COLOR KINETICS RJ45 PINOUTS**

RJ45 PIN #	CK DMX SIGNAL	WIRE COLOR
1	DMX_DATA-	ORANGE/WHITE
2	DMX_DATA+	ORANGE
3	GND	GREEN/WHITE
6	GND	GREEN

**KEY**

**L1** 12 AWG, 3 WIRE

**D1** BELDEN-9729 OR EQUIVALENT DMX, 2 TWISTED PAIRS, SHIELDED

**KETRANET MESH WIRELESS NETWORK**